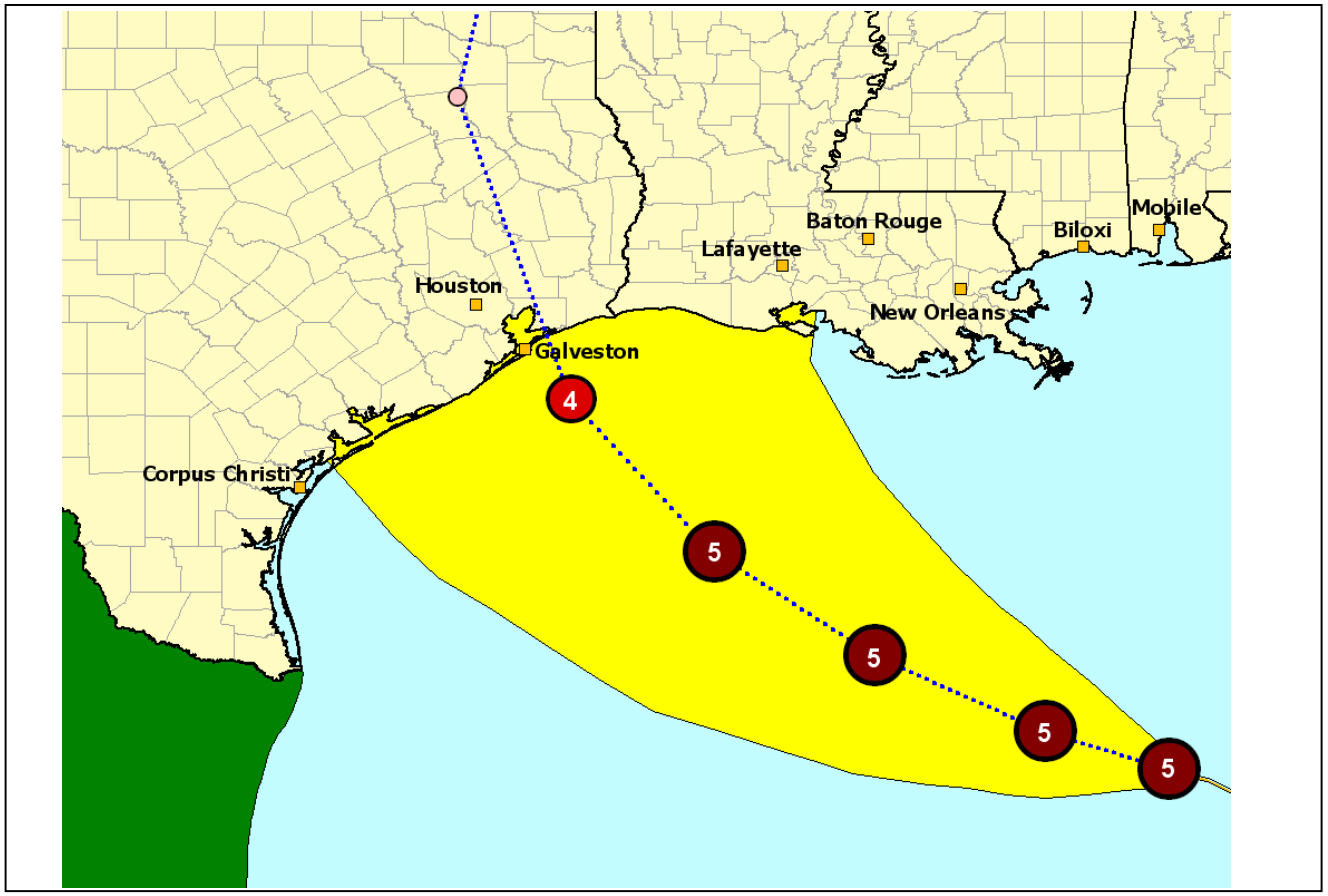
# Hurricane Rita Model Results

## Landfall Expected Within About *48* Hours

**For Official Use Only!**




Information provided on the following page displays the **most probable hurricane track** based on information from the **National Hurricane Center (NHC)**. These projections are based on information from the NHC (0500 – 09/22/2005) forecast and modeled for a **CAT 4** storm.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

Tropical Storm
Category 1 Hurricane
Category 2 Hurricane
Category 3 Hurricane
Category 4 Hurricane

NHC Forecast Track

Probable Landfall Zone

US Army Corps of Engineers

**Hurricane Rita 2-Day Model**

**Generated By:** Paul Deatrick
**Generated Date:** 0700 EDT 09/22/2005

**Sources:**
HURREVAC
LRL-DEBRIS

# Hurricane Rita Model Results

## Landfall Expected Within About *48* Hours

### Values Provided For Planning Purposes

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| | Debris | Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day) | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | Commodity Trucks | Within Hurricane Force Winds | |
| | Debris (cu yds) | Day One (25%)* | Day Two (50%)* | Day Three (100%)* | Day 1-3 Total | Population | Households |
| **NHC Track - 0500 22Sept** | | | | | | | |
| Texas | 12,412,000 | 46 | 92 | 184 | 322 | 2,300,000 | 795,000 |
| Louisiana | 4,000 | 0 | 0 | 0 | 0 | 2,000 | > 1000 |
| **Total** | **12,416,000** | **46** | **92** | **184** | **322** | **2,302,000** | **795,000** |
| **Houston-Galveston Worst-Case Track** | | | | | | | |
| Texas | 40,343,000 | 63 | 126 | 252 | 441 | 3,147,000 | 1,122,000 |
| **Total** | **40,343,000** | **63** | **126** | **252** | **441** | **3,147,000** | **1,122,000** |
| **Corpus Christi Worst-Case Track** | | | | | | | |
| Texas | 5,149,000 | 11 | 21 | 42 | 74 | 521,000 | 182,000 |
| **Total** | **5,149,000** | **11** | **21** | **42** | **74** | **521,000** | **182,000** |
| **Biloxi Worst-Case Track** | | | | | | | |
| Mississippi | 8,707,000 | 13 | 26 | 52 | 91 | 637,000 | 264,000 |
| Alabama | 1,128,000 | 7 | 14 | 28 | 49 | 350,000 | 132,000 |
| **Total** | **9,835,000** | **20** | **40** | **80** | **140** | **987,000** | **396,000** |
| **New Orleans Worst-Case Track** | | | | | | | |
| Louisiana | 18,525,000 | 28 | 56 | 112 | 196 | 1,408,000 | 630,000 |
| Mississippi | 510,000 | 3 | 5 | 10 | 18 | 129,000 | 48,000 |
| **Total** | **19,035,000** | **31** | **61** | **122** | **214** | **1,537,000** | **678,000** |

**Key assumption is that establishment of distribution lanes will be the limiting factor.**

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

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